

## Patent Claims

(Chinese Patent No. CN 2191234Y)

(A small road way marking machine spay head)

1. A small road way marking machine spay head, the characteristics of which are: It is consisting of a valve body (11), a post rod (10) and a matching sliding steel seat (12), a rubber seat (13), a spring (14), a seal ring (16), and a threaded block (17), are inside the valve body; a post rod sleeve (31) is on top of the post rod, a spring (30) is pressed on top of the post rod sleeve (31), an internal hexagonal block (22) is connected to the post rod cap (20) with threads, in which a cylindrical spiral spring (19) is pressed against the post rod cap; on top of the spring is a shoulder cap (25), it is slide fitted with a connecting ring (21) connecting to the valve body (11); a top cover (23) is at the top end of the shoulder cap (25), a spring (24) is under the top cover; the lower end of the valve body (11) is connected to a inner ring (3) through another connecting ring (21), a valve core seat (9) with a conical surface is inside the inner ring (3) and is slide fitted with the inner ring, a spray nozzle (4) is connected to the inner ring (3) through a small connecting ring (2); an outer ring (1) is located around outside of the spray nozzle (4), both sides of outer ring (1) are connected to a baffle plate (5) through bolts, respectively; the top side of the valve body has an air inlet opening A, and the bottom side has a paint inlet opening B.

2. A small road way marking machine spay head as in Claim 1, the characteristics of which are: Under the connecting ring (21), on the lower end of the valve body, is a jump ring (8) which will limit its position (movement).